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Claim 1. An improved access system for multiple programs transmitted compressed form on a transmission channel, said access system including means for recording the programs in a data storage medium, means to select a particular program and means to decompress said particular program.

Claim 2. The access system of claim 1 characterized in that there is one storage medium for multiple programs.

Claim 3. The access system of claim 1 characterized in that the programs are stored in a compressed format.

Claim 4. The access system of claim 1 characterized by the addition of program information and means to access said program information.

Claim 5. The access system of claim 4 characterized by the addition of data manager means to allow user to access the programs.

Claim 6. In a system having multiple programs transmitted in a compressed form on a transmission media, the transmission media including program identification data, the system including means to access the program identification data and means to process the program identification data.

1 Claim 7. The system of claim 6 characterized in that
2 the multiple programs and program identification data are
3 transmitted contemporaneously and by the addition of means to
4 delay the programs to allow processing of the program
5 identification data.

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7 Claim 8. The system of claim 6 characterized by the
8 addition of data manager means to process the program
9 identification data.

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11 Claim 9. The access system of claim 6 characterized
12 by the addition of data manager means to allow the user to
13 access the programs.

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15 Claim 10. An improved access system for programs
16 transmitted in a compressed form on a transmission channel
17 characterized by the addition of means to store the programs in
18 their compressed form and means to selectively access and
19 decompress the programs.

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21 Claim 11. The access system of claim 10,
22 characterized in that said means to store the programs includes
23 optical disks.

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25 Claim 12. The access system of claim 10
26 characterized in that said means to store the programs includes
27 computer memory.

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1 Claim 13. The access system of claim 10
2 characterized in that the programs are compressed in a MPEG
3 form and means to selectively decompress said MPEG signals.
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5 Claim 14. In an access system having a storage
6 capability with a limited capacity, the improvement of means to
7 overwrite previously stored material based on determinable
8 criteria.
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10 Claim 15. The system of claim 14 characterized in
11 that said overwrite means includes consideration of available
12 storage.
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14 Claim 16. The system of claim 14 characterized in
15 that said overwrite means includes consideration of the time of
16 storage.
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18 Claim 17. The system of claim 14 wherein there are
19 multiple users having a priority and characterized in that said
20 overwrite means includes consideration of the users priority.
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22 Claim 18. In an access system having a storage
23 capability for accessible programs, the improvement of means to
24 allow access to previously utilized storage area once the
25 program therein has been accessed.
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1 Claim 19. In an access system having a storage
2 capability for programs, the improvement of means to allow
3 access to a previously utilized storage area upon occurrence of
4 a certain event.

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6 Claim 20. The access system of claim 19
7 characterized in that said certain event is the passage of
8 time.

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10 Claim 21. In an access system having an ability to
11 reproduce accessible programs having a certain length, with a
12 user requiring a different length, the improvement of means to
13 alter the certain length to the different length.

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15 Claim 22. The access system of claim 22 wherein the
16 different length is determined by the user's interruption of
17 access to the programs.

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19 Claim 23. The access system of claim 22
20 characterized in that said accessible program would normally
21 terminate at a certain time and characterized in that said
22 means alters the different length so as to terminate at the
23 same time as said certain time.

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25 Claim 24. The access system of claim 23
26 characterized in that said means is automatic.

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1 Claim 25. An access system for programs transmitted
2 in multiples in compressed form across a transmission channel,
3 said access system including means to select a particular
4 program, means to record said program in a data storage media,
5 and means to decompress said program.

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7 Claim 26. The system of claim 25 characterized in
8 that the multiple programs and program identification data are
9 transmitted contemporaneously and by the addition of means to
10 delay the programs to allow processing of the program
11 identification data.

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13 Claim 27. The system of claim 26 characterized by
14 the addition of data manager means to process the program
15 identification data.

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17 Claim 28. In an access system having a storage area,
18 the improvement of means to bypass the storage area so as to
19 select real time reproduction.

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21 Claim 29. In an access system having a decompression
22 decoder and a artifact modifier circuit, the improvement of
23 means to deactivate the artifact modifier circuit.

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25 Claim 30. The access system of claim 29
26 characterized in that the decompression decoder is a MPEG
27 decoder.

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1 Claim 31. The access system of claim 29
2 characterized in that the artifact modifier circuit is a
3 frequency converter.
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5 Claim 32. The access system of claim 29
6 characterized in that the artifact modifier circuit is
7 deactivated by bypassing it.
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9 Claim 33. In an access system having multiple
10 channels of information, the improvement of a data manager and
11 means for said data manager to control access to the
12 information.
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14 Claim 34. The access system of claim 33
15 characterized by the addition of data storage for the channels
16 of information.
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18 Claim 35. The access system of claim 33
19 characterized by the addition of program information relative
20 to the multiple channels of information and means for said data
21 manager to utilize such program information.
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Claim 34. The access system of claim 33
24 characterized by the addition of other services and means for
25 said data manager to access said other services.
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27 add a2

add B13

add C1

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